

Storm Data and Unusual Weather Phenomena - February 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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IOWA, Northeast

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z018) FLOYD

02/01/13 00:00 CST	0	Drought
02/28/13 23:59 CST	0	

Snowfall amounts averaged 10 to 14 inches with 1 to 1.5 inches of liquid precipitation across northeast Iowa in the counties still affected by the drought. With the frozen ground, little if any of this precipitation was absorbed by the soil. No change in the drought conditions occurred and a severe to extreme drought remained in place across Floyd, Howard and Mitchell Counties. Twenty ethanol plants across the country have been idled due to a shortage of corn caused by the drought. However, the ethanol plants in northeast Iowa have remained open. The Iowa Dept. of Natural Resources issued a warning in February that mandatory water cutbacks by be implemented this summer in parts of Iowa if the drought lingers.

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE

02/21/13 20:10 CST	0	Winter Storm
02/22/13 11:30 CST	0	

Between 5 and 7 inches of snow fell across much of northeast Iowa on February 21st into the 22nd. The snow was produced by an area of low pressure and warm front that moved northeast across the Upper Midwest. The heaviest snow fell during the overnight hours of the 21st when snowfall rates of an inch per hour were common. The highest reported snowfall amount was 7.5 in Otranto (Mitchell County). The snow caused numerous schools to delay the start of classes on the 22nd.

MINNESOTA, Southeast

(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE

02/01/13 00:00 CST	0	Drought
02/28/13 23:59 CST	0	

Snowfall amounts averaged 10 to 16 inches with 1 to 1.25 inches of liquid precipitation across southeast Minnesota in the counties still affected by the drought. With the frozen ground, little if any of this precipitation was absorbed by the soil. No change in the drought conditions occurred and a severe to extreme drought remained across Dodge, Fillmore, Mower, Olmsted, Wabasha and Winona Counties. Twenty ethanol plants across the country have been idled due to a shortage of corn caused by the drought. However, the ethanol plants in southeast Minnesota have remained open.

(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE

02/21/13 21:35 CST	0	Winter Storm
02/22/13 12:15 CST	0	

Between 5 and 9 inches of snow fell across much of southeast Minnesota on February 21st into the 22nd. The snow was produced by an area of low pressure and warm front that moved northeast across the Upper Midwest. The heaviest snow fell during the overnight hours of the 21st when snowfall rates of an inch per hour were common. The highest reported snowfall amount was 9 inches in Mantorville (Dodge County). The snow caused numerous schools to cancel classes on the 22nd.

WISCONSIN, Southwest

(WI-Z017) TAYLOR, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEAU, (WI-Z061) GRANT

02/01/13 00:00 CST	0	Drought
02/28/13 23:59 CST	0	

Snowfall amounts averaged 14 to 16 inches with 1 to 1.5 inches of liquid precipitation across western Wisconsin in the counties still affected by the drought. With the frozen ground, only a small amount of this precipitation was absorbed by the soil. Soil conditions improved enough across southern Grant County for that area to be removed from the severe drought. No change in the drought conditions occurred elsewhere and a severe to extreme drought remained across Buffalo, Taylor and Trempealeau Counties.

(WI-Z044) ADAMS

02/10/13 09:30 CST	20K	Winter Weather
02/10/13 12:30 CST	0	

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One person was killed in a two vehicle accident on icy roads in western Wisconsin. The accident occurred on State Highway 82 in the Township of Jackson (Adams County) where roads were ice covered from freezing rain that was falling in advance of a storm system moving northeast toward the Great Lakes region.

(WI-Z032) BUFFALO

02/21/13 23:30 CST

0

Winter Storm

02/22/13 12:00 CST

0

Between 5 and 8 inches of snow fell across a small section of western Wisconsin on February 21st into the 22nd. The snow was produced by an area of low pressure and warm front that moved northeast across the Upper Midwest. The heaviest snow fell during the overnight hours of the 21st when snowfall rates of an inch per hour were common. The highest reported snowfall amount was 8.3 inches at Mississippi River Lock and Dam 4 near Alma (Buffalo County).